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October 22, 1987

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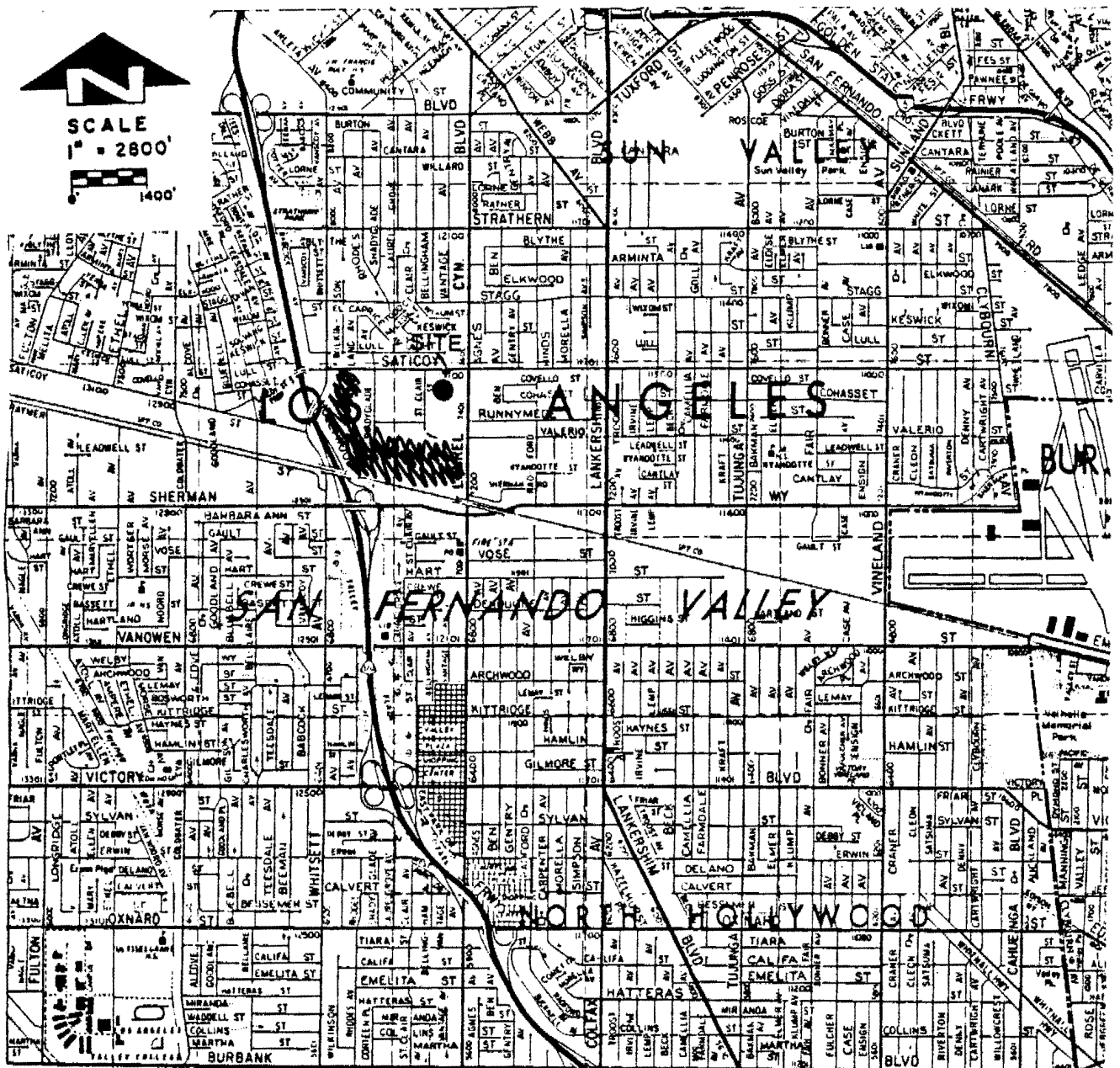
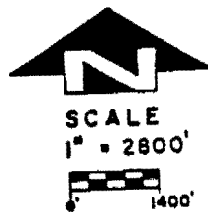
Dear Mr. Thompson:

Landfill Gas Protection Recommendations
Tentative Tract No. 45604
12150 Saticoy Street
Los Angeles, California

This report summarizes the results of an investigation into the need for landfill gas migration protection/mitigation measures for Tentative Tract No. 45604 located in the San Fernando Valley, southwest of the intersection of Saticoy Street and Laurel Canyon Boulevard, in the City of Los Angeles (see Figure 1). The investigation commenced with background research on the source of the gas, the Hewitt (Conrock) Pit, located south and west of the project site. The extent of past gas migration and the present day potential for gas migration in light of the periodic improvements to the Conrock gas extraction system were evaluated. The potential distance that gas could migrate under various risk scenarios was assessed, and recommendations made as to the area of the proposed tentative tract which will need protection and the nature of that protection.

Background on Hewitt Landfill

The closed Hewitt Landfill, shown in plan in Figure 2, consists of approximately 60 acres. The property contained sand and gravel deposits which were mined by the Conrock Company. The mining operation was terminated in 1963 after reaching a depth of more than 100 feet below grade. The property was then leased to Los Angeles By-Products Co., which commenced sanitary landfill operations in late 1963. Per waste discharge requirements (Permit Nos. 58-91, 58-137), Class II (now Class III) wastes were disposed above an elevation of 650 feet MSL, and Class III (inert) wastes were disposed in the pit bottom (about 625 feet MSL) (1). The average depth of decomposable solid waste is 100 feet. The site, closed in 1976, contained an estimated 5 to 6 million tons of refuse. The average ground surface elevation is 760 feet MSL. The landfill is divided into two parcels, as shown in Figure 2. Filling operations began at the northern portion of Parcel A and continued south and east across Parcel B. The estimated rate of fill was 312,000 tons per year (2).



Source: Thomas Brothers Maps, Los Angeles and Orange Counties, 1978.

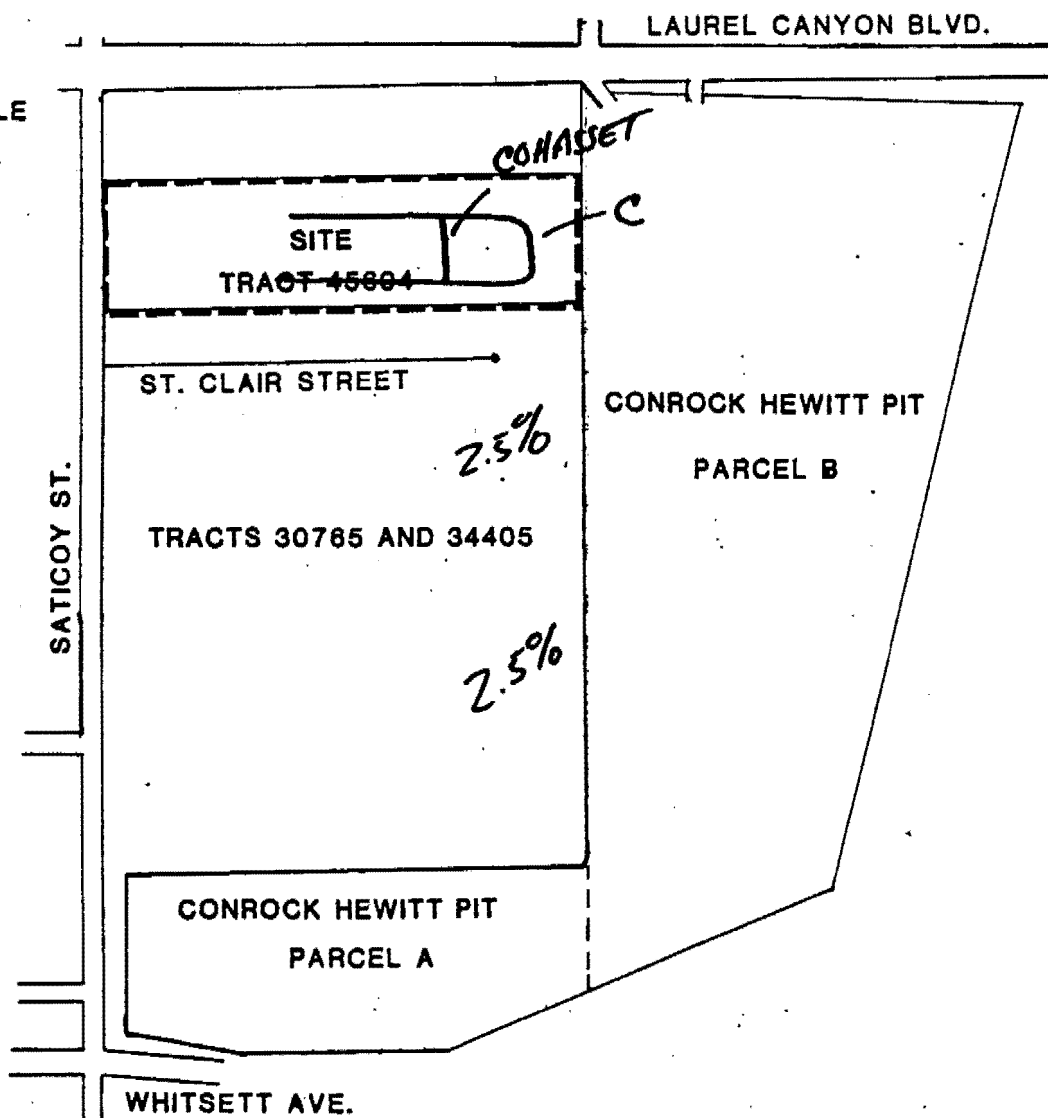
Lockman & Associates
Monterey Park, California

SITE LOCATION

Tentative Tract No. 45604
Los Angeles, California



NO SCALE



Lockman & Associates
Monterey Park, California

SITE MAP

Tentative Tract No. 45604
Los Angeles, California

FIGURE 2